

In the Claims:

Claims 1-7 are pending as follows:

1. (original) A fiber optic transceiver array for short wave fiber optic communications comprising:

a series of fiber optic transceiver channels; each fiber optic transceiver channel including a plurality of test pads;

a power distribution bypass capacitor distributed along said series of fiber optic transceiver channels;

a plurality of high voltage power supply and ground connections coupled through said power distribution bypass capacitor and distributed around said series of fiber optic transceiver channels;

a threaded high voltage power supply connection extending to alternating ones of said series of fiber optic transceiver channels.

2. (original) A fiber optic transceiver array for short wave fiber optic communications as recited in claim 1 includes a threaded ground connection extending to alternating other ones of said series of fiber optic transceiver channels, said alternating other ones of said series of fiber optic transceiver channels not including said threaded high voltage power supply connection.

3. (original) A fiber optic transceiver array for short wave fiber optic communications as recited in claim 1 wherein said plurality of test pads of each fiber optic transceiver channel includes a ground connection and a pair of differential output connections.

4. (original) A fiber optic transceiver array for short wave fiber optic communications as recited in claim 3 wherein said threaded high voltage power supply connection extending to alternating ones of said series of fiber optic transceiver channels includes said threaded high voltage power supply connection extending between said ground connection and one of said pair of differential output connections.

5. (original) A fiber optic transceiver array for short wave fiber optic communications as recited in claim 3 includes a threaded ground connection extending to alternating other ones of said series of fiber optic transceiver channels to provide alternating low impedance ground and low impedance high voltage power supply channels in said series of fiber optic transceiver channels.

6. (original) A fiber optic transceiver array for short wave fiber optic communications as recited in claim 1 wherein each said fiber optic transceiver channel includes a channel decoupling capacitor positioned proximate to said pair of differential output connections.

7. (original) A fiber optic transceiver array for short wave fiber optic communications as recited in claim 1 wherein said each said fiber optic transceiver channel includes a photodetector and said series of fiber optic transceiver channels have a predefined spacing between sequential ones of said photodetectors.

Claims 8-18 (canceled)